



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

3661  
#4/PA  
10/9/3

Steve Horvath, et al. ) Attorney Dkt. No. 018360/233640 (702.287)  
Serial No. 10/029,094 ) GAU 3661  
Filed: October 25, 2001 )  
GRAPHIC CLOSURE INDICATOR FOR )  
COCKPIT TRAFFIC DISPLAY )

**REVOCATION OF POWER OF ATTORNEY AND APPOINTMENT OF NEW POWER  
OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TO THE COMMISSIONER OF PATENTS:

RECEIVED  
OCT 01 2003  
GROUP 3600

Garmin AT, Inc., owner of the above-referenced application by assignment records, does on this 21 day of September, 2003, appoint Devon A. Rolf, Reg. No. 35,337, as its attorney to prosecute the above-referenced application for Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith, and hereby revokes all prior powers of attorney. Address all correspondence to: Devon A. Rolf, c/o Garmin International, Inc., 1200 East 151<sup>st</sup> Street, Olathe, KS 66062. A Statement under 37 CFR 3.73(b) was previously filed with a Change of Correspondence Address.

GARMIN AT, INC.

Min H. Kao  
President

**CERTIFICATE UNDER 37 CFR 3.73(b)**

Applicant: Steve Horvath, et al.

Atty. Dkt. No. 018360/233640 (702.287)

Application No.: 10/029,094

Filed: 10-25-2001

Group Art Unit 3661

Title: Graphic Closure Indicator for Cockpit Traffic Display

Garmin AT, Inc. certifies that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application identified above to:  
a copy of which is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application identified above, to  
the current assignee as shown below:

1. From: Inventors  
To: United Parcel Service of America, Inc.  
The document was recorded 4/29/02 in the Patent and Trademark  
Office at Reel 012851, Frame 0235.
2. From: United Parcel Service of America, Inc.  
To: UPS Aviation Technologies, Inc.  
The document was recorded 8/28/2003 in the Patent and Trademark Office  
at Reel 013922, Frame 0943.
3. From: UPS Aviation Technologies, Inc.  
To: Garmin AT, Inc.  
The document was recorded 9/4/2003 in the Patent and Trademark Office  
at Reel 013933, Frame 0834.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of  
the assignee.

Date

9/16/03

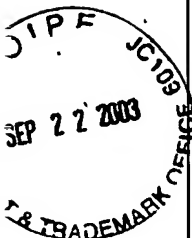
Min H. Kao

President, Garmin AT, Inc.

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JULY 03, 2002

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Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

ALSTON & BIRD LLP  
SCOTT E. BRIENT  
BANK OF AMERICA PLAZA  
101 SOUTH TRYON STREET SUITE 4000  
CHARLOTTE NC 28280-4000



\*102082171A\*

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/29/2002

REEL/FRAME: 012851/0235  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
HORVATH, STEVE

DOC DATE: 04/16/2002

ASSIGNOR:  
GROVE, ROBERT

DOC DATE: 04/16/2002

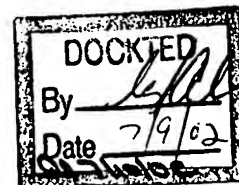
ASSIGNOR:  
BOWERS, CRAIG

DOC DATE: 04/05/2002

ASSIGNEE:  
UNITED PARCEL SERVICE OF AMERICA,  
INC.  
55 GLENLAKE PARKWAY NE  
ATLANTA, GEORGIA 30328

SERIAL NUMBER: 10029094  
PATENT NUMBER:

FILING DATE: 10/25/2001  
ISSUE DATE:



012851/0235 PAGE 2

THERESA FREDERICK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

05-07-2002

FORM COVER SHEET *Patents Only*To the Honorable  
Please record the

102082171

Attorney Dkt. No.: 18360-233640

1. Name of conveying party(ies):

Steve Horvath  
Robert Grove  
Craig Bowers

4-29-02

Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒

2. Name and address of receiving party(ies):

United Parcel Service of America, Inc.  
55 Glenlake Parkway, N.E.  
Atlanta, Georgia 30328OFFICE OF PUBLIC RECORDS  
2002 APR 29 PM 12:36  
FINANCE SECTIONAdditional name(s) & address(es) attached? Yes ☐ No ☒

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date:

Steve Horvath on April 16, 2002;  
Robert Grove on April 16, 2002; and  
Craig Bowers on April 5, 20024. Application No. 10/029,094

Patent No. \_\_\_\_

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_

Additional numbers attached? Yes ☐ No ☒

5. Name and address of party to whom correspondence concerning document should be mailed:

ALSTON & BIRD LLP  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41) \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 16-0605

DO NOT USE THIS SPACE

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.**Scott E. Brient*

Name of Person Signing: Scott E. Brient

Reg. No. 44,561

Date

4/17/02Total number of pages including cover sheet, attachments, and document: 6

05/07/2002 TDIAZ1 00000051 10029094

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40.00 00

## ASSIGNMENT

THIS ASSIGNMENT, made by us, Steve Horvath, citizen of the United States of America, residing at 1694 37<sup>th</sup> Avenue NW, Salem, Oregon; Robert Grove, citizen of the United States of America, residing at 1612 N. Main, Newberg, Oregon; and Craig Bowers, citizen of the United States of America, residing at 973 Summerleaf Drive, San Jose, California, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in a GRAPHIC CLOSURE INDICATOR FOR COCKPIT TRAFFIC DISPLAY for which an application for United States Letters Patent has been executed by us and previously filed on October 25, 2001, and which application claims priority from Application No. 60/243,239, filed October 25, 2000, all applications listed above being hereinafter referred to as the "application"; and

WHEREAS, UNITED PARCEL SERVICE OF AMERICA, INC., a Delaware corporation having a principal place of business at 55 Glenlake Parkway, N.E., County of Fulton, State of Georgia, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had

not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree, and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 16<sup>th</sup> day of April, 2002.

[Signature] (SEAL)  
Steve Horvath

STATE OF OREGON)  
COUNTY OF MARION)

I, KAREN J. KRIEGER, a Notary Public for said County and State, do hereby certify that Steve Horvath personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16<sup>th</sup> day of April, 2002.

(Official Seal)

[Signature]  
Notary Public

My commission expires: 3-6-04



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 16<sup>th</sup> day of APRIL, 2002.

Robert Grove (SEAL)  
Robert Grove

STATE OF OREGON )

COUNTY OF MARION )

I, KAREN J. KRIEGER, a Notary Public for said County and State, do hereby certify that Robert Grove personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16<sup>th</sup> day of April, 2002.

(Official Seal)



Karen J. Krieger  
Notary Public

My commission expires: 3-6-04



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 5<sup>th</sup> day of April, 2002.

Craig Bowers (SEAL)

STATE OF California  
COUNTY OF Santa Clara

I, Diane Bergman, a Notary Public for said County and State, do hereby certify that Craig Bowers personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 5<sup>th</sup> day of April, 2002.



Diane Bergman  
Notary Public

My commission expires: Dec. 2, 2005

ATL01/11173554v1

# Facsimile Transmission

*This company uses RightFAX® fax server software from RightFAX, Inc.*

From: Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

To: Name: GARMIN INTERNATIONAL, INC.  
Company: DEVON A. ROLF  
Fax Number: 19133979079  
Voice Phone:

## Fax Notes:

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1	Cover Page
2	627.TXT
5	Document 1, Batch 256192

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SEPTEMBER 05, 2003

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GARMIN INTERNATIONAL, INC.  
DEVON A. ROLF  
1200 EAST 151ST STREET  
OLATHE, KS 66062



\*700042681A\*

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RECORDATION DATE: 09/04/2003

REEL/FRAME: 013933/0834  
NUMBER OF PAGES: 3

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UPS AVIATION TECHNOLOGIES, INC.

DOC DATE: 08/25/2003

ASSIGNEE:

GARMIN AT, INC.  
2345 TURNER ROAD SE  
SALEM, OREGON 97302

SERIAL NUMBER: 09892166  
PATENT NUMBER:

FILING DATE: 06/26/2001  
ISSUE DATE:

SERIAL NUMBER: 10029094  
PATENT NUMBER:

FILING DATE: 10/25/2001  
ISSUE DATE:

SERIAL NUMBER: 10033299  
PATENT NUMBER:

FILING DATE: 10/25/2001  
ISSUE DATE:

SERIAL NUMBER: 10016511  
PATENT NUMBER:

FILING DATE: 12/10/2001  
ISSUE DATE:

013933/0834 PAGE 2

SERIAL NUMBER: 10146624  
PATENT NUMBER:FILING DATE: 05/14/2002  
ISSUE DATE:SERIAL NUMBER: 10251220  
PATENT NUMBER:FILING DATE: 09/19/2002  
ISSUE DATE:SERIAL NUMBER: 10277769  
PATENT NUMBER:FILING DATE: 10/22/2002  
ISSUE DATE:SERIAL NUMBER: 10361305  
PATENT NUMBER:FILING DATE: 02/10/2003  
ISSUE DATE:SERIAL NUMBER: 10426008  
PATENT NUMBER:FILING DATE: 04/29/2003  
ISSUE DATE:SERIAL NUMBER: 07388579  
PATENT NUMBER: 5091697FILING DATE: 07/31/1989  
ISSUE DATE: 02/25/1992SERIAL NUMBER: 07604220  
PATENT NUMBER: 5165269FILING DATE: 10/29/1990  
ISSUE DATE: 11/24/1992SERIAL NUMBER: 07556664  
PATENT NUMBER: 5172052FILING DATE: 07/23/1990  
ISSUE DATE: 12/15/1992SERIAL NUMBER: 07916190  
PATENT NUMBER: 5329260FILING DATE: 07/17/1992  
ISSUE DATE: 07/12/1994SERIAL NUMBER: 08096605  
PATENT NUMBER: 5386084FILING DATE: 07/22/1993  
ISSUE DATE: 01/31/1995SERIAL NUMBER: 07795103  
PATENT NUMBER: 5386150FILING DATE: 11/20/1991  
ISSUE DATE: 01/31/1995SERIAL NUMBER: 09736473  
PATENT NUMBER: 6437739FILING DATE: 12/13/2000  
ISSUE DATE: 08/20/2002SERIAL NUMBER: 09790251  
PATENT NUMBER: 6466846FILING DATE: 02/21/2001  
ISSUE DATE: 10/15/2002SERIAL NUMBER: 09798615  
PATENT NUMBER: 6473003FILING DATE: 03/02/2001  
ISSUE DATE: 10/29/2002SERIAL NUMBER: 09835091  
PATENT NUMBER: 6469660FILING DATE: 04/13/2001  
ISSUE DATE: 10/22/2002SERIAL NUMBER: 09873969  
PATENT NUMBER: 6542810FILING DATE: 06/04/2001  
ISSUE DATE: 04/01/2003SERIAL NUMBER: 09901415  
PATENT NUMBER: 6564149FILING DATE: 07/09/2001  
ISSUE DATE: 05/13/2003SERIAL NUMBER: 09981677  
PATENT NUMBER: 6545631FILING DATE: 10/17/2001  
ISSUE DATE: 04/08/2003

013933/0834 PAGE 3

SERIAL NUMBER: 09892597  
PATENT NUMBER: 6594578

FILING DATE: 06/27/2001  
ISSUE DATE: 07/15/2003

SERIAL NUMBER: 29010996  
PATENT NUMBER: D355644

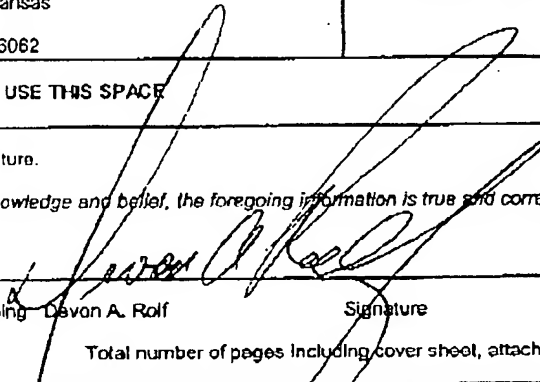
FILING DATE: 07/22/1993  
ISSUE DATE: 02/21/1995

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
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09/04/2003 09:38 FAX 913 397 79

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002

FORM PTO-1595		RECORDATION FORM COVER SHEET PATENT AND TRADEMARK OFFICE		U.S. DEPT. OF COMMERCE	
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1. Name of conveying party(ies): UPS Aviation Technologies, Inc.  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies):  Name: Garmin AT, Inc.  Internal Address:  Street Address: 2345 Turner Road SE  City: Salem  State: Oregon  Zip: 97302  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of Conveyance:  <input type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input checked="" type="checkbox"/> Change of Name  <input type="checkbox"/> Other: _____  Execution Date: 8-25-03					
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: _____  A. Patent Application No.(s): 09/892,166; 10/029,094; 10/033,299; 10/016,511; 10/146,624; 10/251,220; 10/277,769; 10/361,305; 10/426,008  B. Patent No.(s): 5,091,697; 5,165,269; 5,172,052; 5,329,260; 5,386,084; 5,388,150; 6,437,739; 6,466,846; 6,473,003; 6,489,660; 6,542,810; 6,584,149; 6,545,831; 6,594,578; D-355,644  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Devon A. Rolf  Internal Address: Garmin International, Inc.  Street Address: 1200 East 151 <sup>st</sup> Street  City: Olathe  State: Kansas  Zip: 66062		6. Total number of applications and patents involved:.....24  7. Total fee (37 CFR 3.41) \$ 960.00  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit Account No.: 501-791  (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  					
Name of person signing: Devon A. Rolf		Signature		Date: 9/4/2003	
Total number of pages including cover sheet, attachments, and document: 3					

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TO: Assignment Recordation Services  
COMPANY: USPTO  
FAX #: (703) 306-5995  
FROM: Devon A. Rolf, Assistant General Counsel—Intellectual Property  
GARMIN International, Inc. (E-mail: devon.rolf@garmin.com)  
DATE: September 4, 2003

FACSIMILE COVER SHEET (Page 1 of 4)

Attached is a Recordation form Cover Sheet for recording the attached Change of Name against the listed patents and patent applications. The Commissioner is hereby authorized to charge the full amount, or any portion thereof, or credit any overpayment, to Deposit Account No. 501-791.



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**TO:** Assignment Recordation Services  
**COMPANY:** USPTO  
**FAX #:** (703) 306-5995  
**FROM:** Devon A. Rolf, Assistant General Counsel—Intellectual Property  
GARMIN International, Inc. (E-mail: [devon.rolf@garmin.com](mailto:devon.rolf@garmin.com))  
**DATE:** September 4, 2003

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1. Name of conveying party(ies): UPS Aviation Technologies, Inc.

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☐ Assignment ☐ Merger☐ Security Agreement ☒ Change of Name☐ Other: \_\_\_\_\_

Execution Date: 8-25-03

2. Name and address of receiving party(ies):

Name: Garmin AT, Inc.

Internal Address:

Street Address: 2345 Turner Road SE

City: Salem

State: Oregon

Zip: 97302

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s): 09/892,166; 10/029,094;  
10/033,299; 10/016,511; 10/146,624; 10/251,220;  
10/277,769; 10/361,305; 10/426,008

B. Patent No.(s):

5,091,697; 5,165,269; 5,172,052; 5,329,260; 5,386,084; 5,386,150;  
6,437,739; 6,466,846; 6,473,003; 6,469,660; 6,542,810; 6,564,149;  
6,545,631; 6,594,578; D-355,644Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Devon A. Rolf

Internal Address: Garmin International, Inc.

Street Address: 1200 East 151<sup>st</sup> Street

City: Olathe

State: Kansas

Zip: 66062

6. Total number of applications and patents involved:.....24

7. Total fee (37 CFR 3.41)

\$ 960.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account No.: 501-791

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Name of person signing: Devon A. Rolf

Signature

Date 9/4/2003

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Director of the United States Patents and Trademark Office, Mail Stop Assignment Recordation Services  
P.O. Box 1450, Alexandria, VA 22313-1450

CERTIFICATE

# State of Oregon

OFFICE OF THE SECRETARY OF STATE  
Corporation Division

I, **BILL BRADBURY**, Secretary of State of Oregon, and Custodian of the Seal  
of said State, do hereby certify:

That the attached copy of the  
**Articles of  
Amendment**  
filed on  
**August 25, 2003**  
for  
**UPS AVIATION TECHNOLOGIES, INC.**  
changing the name to  
**GARMIN AT, INC.**  
is a true copy of the original document  
that has been filed with this office.

In Testimony Whereof, I have hereunto set  
my hand and affixed hereto the Seal of the  
State of Oregon.

**BILL BRADBURY**, Secretary of State



By



Heather S. Davis

August 25, 2003



Phone: (503) 986-2200  
Fax: (503) 378-4381

Secretary of State  
Corporation Division  
255 Capitol St. NE, Suite 151  
Salem, OR 97310-1327  
FilingInOregon.com

# Articles of Amendment—Business/Professional/Nonprofit

Check the appropriate box below:

- ☒ BUSINESS/PROFESSIONAL CORPORATION  
(Complete only 1, 2, 3, 4, 6, 7)  
☐ NONPROFIT CORPORATION  
(Complete only 1, 2, 3, 5, 6, 7)

## FILED

### AUG 25 2003

OREGON  
SECRETARY OF STATE

REGISTRY NUMBER: 159212-16

In keeping with Oregon Statute 192.410-192.595, the information on the application is public record.  
We must release this information to all parties upon request and it may be posted on our website.

For office use only

Please Type or Print Legibly in Black Ink.

- 1) NAME OF CORPORATION PRIOR TO AMENDMENT: UPS Aviation Technologies, Inc.
- 2) STATE THE ARTICLE NUMBER(S) AND SET FORTH THE ARTICLE(S) AS IT IS AMENDED TO READ. (Attach a separate sheet if necessary.)  
Article 1 of the Amended and Restated Articles of Incorporation is amended to read in full as follows:  
"The name of the corporation is Garmin AT, Inc."
- 3) THE AMENDMENT WAS ADOPTED ON: August 22, 2003  
(If more than one amendment was adopted, identify the date of adoption of each amendment.)

#### BUSINESS/PROFESSIONAL CORPORATION ONLY

#### 4) CHECK THE APPROPRIATE STATEMENT

- ☒ Shareholder action was required to adopt the amendment(s). The vote was as follows:

Class of series of shares	Number of shares outstanding	Number of votes entitled to be cast	Number of votes cast FOR	Number of votes cast AGAINST
common	100	100	100	0

- ☐ Shareholder action was not required to adopt the amendment(s). The amendment(s) was adopted by the board of directors without shareholder action.
- ☐ The corporation has not issued any shares of stock. Shareholder action was not required to adopt the amendment(s). The amendment(s) was adopted by the incorporators or by the board of directors.

#### NONPROFIT CORPORATION ONLY

#### 5) CHECK THE APPROPRIATE STATEMENT

- ☐ Membership approval was not required. The amendment(s) was approved by a sufficient vote of the board of directors or incorporators.
- ☐ Membership approval was required. The membership vote was as follows:

Class(es) entitled to vote	Number of members entitled to vote	Number of votes entitled to be cast	Number of votes cast FOR	Number of votes cast AGAINST

#### 6) EXECUTION

Printed Name

Signature

Title

Andrew R. Etkind

Andrew R. Etkind

General Counsel & Secretary

#### 7) CONTACT NAME (To resolve questions with this filing.)

DAYTIME PHONE NUMBER (Include area code.)

Andrew R. Etkind

(913) 440-1212

#### FEES

Required Processing Fee \$20

Processing Fees are nonrefundable

Please make check payable to "Corporation Division."

#### NOTE:

Fees may be paid with VISA or MasterCard. The card number and expiration date should be submitted on a separate sheet for your protection.

# Facsimile Transmission

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From: Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

To: Name: GARMIN INTERNATIONAL, INC.  
Company: DEVON A. ROLF  
Fax Number: 19133979079  
Voice Phone:

## Fax Notes:

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Pg#	Description
1	Cover Page
2	709.TXT
5	Document 1, Batch 255506

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SEPTEMBER 03, 2003

PTAS

GARMIN INTERNATIONAL, INC.  
DEVON A. ROLF  
1200 EAST 151ST STREET  
OLATHE, KS 66062



\*700042174A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/28/2003

REEL/FRAME: 013922/0943  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UNITED PARCEL SERVICE OF AMERICA,  
INC.

DOC DATE: 08/22/2003

ASSIGNEE:

UPS AVIATION TECHNOLOGIES, INC.  
2345 TURNER ROAD SE  
SALEM, OREGON 97302

SERIAL NUMBER: 09892166  
PATENT NUMBER:

FILING DATE: 06/26/2001  
ISSUE DATE:

SERIAL NUMBER: 10029094  
PATENT NUMBER:

FILING DATE: 10/25/2001  
ISSUE DATE:

SERIAL NUMBER: 10033299  
PATENT NUMBER:

FILING DATE: 10/25/2001  
ISSUE DATE:

SERIAL NUMBER: 10016511  
PATENT NUMBER:

FILING DATE: 12/10/2001  
ISSUE DATE:

013922/0943 PAGE 2

SERIAL NUMBER: 10146624  
PATENT NUMBER:FILING DATE: 05/14/2002  
ISSUE DATE:SERIAL NUMBER: 10251220  
PATENT NUMBER:FILING DATE: 09/19/2002  
ISSUE DATE:SERIAL NUMBER: 10277769  
PATENT NUMBER:FILING DATE: 10/22/2002  
ISSUE DATE:SERIAL NUMBER: 10361305  
PATENT NUMBER:FILING DATE: 02/10/2003  
ISSUE DATE:SERIAL NUMBER: 10426008  
PATENT NUMBER:FILING DATE: 04/29/2003  
ISSUE DATE:SERIAL NUMBER: 07388579  
PATENT NUMBER: 5091697FILING DATE: 07/31/1989  
ISSUE DATE: 02/25/1992SERIAL NUMBER: 07604220  
PATENT NUMBER: 5165269FILING DATE: 10/29/1990  
ISSUE DATE: 11/24/1992SERIAL NUMBER: 07556664  
PATENT NUMBER: 5172052FILING DATE: 07/23/1990  
ISSUE DATE: 12/15/1992SERIAL NUMBER: 07916190  
PATENT NUMBER: 5329260FILING DATE: 07/17/1992  
ISSUE DATE: 07/12/1994SERIAL NUMBER: 08096605  
PATENT NUMBER: 5386084FILING DATE: 07/22/1993  
ISSUE DATE: 01/31/1995SERIAL NUMBER: 07795103  
PATENT NUMBER: 5386150FILING DATE: 11/20/1991  
ISSUE DATE: 01/31/1995SERIAL NUMBER: 09736473  
PATENT NUMBER: 6437739FILING DATE: 12/13/2000  
ISSUE DATE: 08/20/2002SERIAL NUMBER: 09790251  
PATENT NUMBER: 6466846FILING DATE: 02/21/2001  
ISSUE DATE: 10/15/2002SERIAL NUMBER: 09798615  
PATENT NUMBER: 6473003FILING DATE: 03/02/2001  
ISSUE DATE: 10/29/2002SERIAL NUMBER: 09835091  
PATENT NUMBER: 6469660FILING DATE: 04/13/2001  
ISSUE DATE: 10/22/2002SERIAL NUMBER: 09873969  
PATENT NUMBER: 6542810FILING DATE: 06/04/2001  
ISSUE DATE: 04/01/2003SERIAL NUMBER: 09901415  
PATENT NUMBER: 6564149FILING DATE: 07/09/2001  
ISSUE DATE: 05/13/2003SERIAL NUMBER: 09981677  
PATENT NUMBER: 6545631FILING DATE: 10/17/2001  
ISSUE DATE: 04/08/2003

013922/0943 PAGE 3

SERIAL NUMBER: 09892597  
PATENT NUMBER: 6594578

FILING DATE: 06/27/2001  
ISSUE DATE: 07/15/2003

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US0313875

FILING DATE:  
ISSUE DATE:

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US0207165

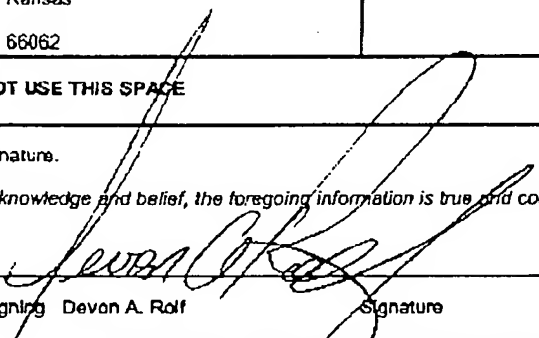
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SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US0229945

FILING DATE:  
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FORM PTO-1595		RECORDATION FORM COVER SHEET PATENT AND TRADEMARK OFFICE		U.S. DEPT. OF COMMERCE	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): United Parcel Service of America, Inc.  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies):  Name: UPS Aviation Technologies, Inc.  Internal Address:  Street Address: 2345 Turner Road SE  City: Salem  State: Oregon  Zip: 97302  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other: _____  Execution Date: 8-22-03					
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: _____  A. Patent Application No.(s): 09/892,166; 10/029,094; 10/033,299; 10/016,511; 10/146,624; 10/251,220; 10/277,789; 10/361,305; 10/426,008; PCT/US03/13875; PCT/US02/07165; PCT/US02/29945  B. Patent No.(s): 5,091,697; 5,165,269; 5,172,052; 5,329,260; 5,386,084; 5,386,150; 6,437,739; 6,466,846; 6,473,003; 6,469,660; 6,542,810; 6,584,149; 6,545,631; 6,594,578  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Devon A. Rolf  Internal Address: Garmin International, Inc.  Street Address: 1200 East 151 <sup>st</sup> Street  City: Olathe  State: Kansas  Zip: 66062		6. Total number of applications and patents involved:.....26  7. Total fee (37 CFR 3.41) \$ 1,040.00  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit Account No.: 501-791  (Attach duplicate copy of this page if paying by deposit account)			
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Total number of pages including cover sheet, attachments, and document: 5					

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TO: Assignment Recordation Services  
COMPANY: USPTO  
FAX #: (703) 306-5995  
FROM: Devon A. Rolf, Assistant General Counsel—Intellectual Property  
GARMIN International, Inc. (E-mail: devon.rolf@garmin.com)  
DATE: August 28, 2003

FACSIMILE COVER SHEET (Page 1 of 6)

Attached is a Recordation form Cover Sheet for recording the attached Assignment against the listed patents and applications. The Commissioner is hereby authorized to charge the full amount, or any portion thereof, or credit any overpayment, to Deposit Account No. 501-791.



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**TO:** Assignment Recordation Services  
**COMPANY:** USPTO  
**FAX #:** (703) 306-5995  
**FROM:** Devon A. Rolf, Assistant General Counsel—Intellectual Property  
GARMIN International, Inc. (E-mail: [devon.rolf@garmin.com](mailto:devon.rolf@garmin.com))  
**DATE:** August 28, 2003

**FACSIMILE COVER SHEET (Page 1 of 6)**

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): United Parcel Service of America, Inc.

Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other: \_\_\_\_\_

Execution Date: 8-22-03

2. Name and address of receiving party(ies):

Name: UPS Aviation Technologies, Inc.

Internal Address:

Street Address: 2345 Turner Road SE

City: Salem

State: Oregon

Zip: 97302

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_

A. Patent Application No.(s): 09/892,166; 10/029,094;  
10/033,299; 10/016,511; 10/146,624; 10/251,220;  
10/277,769; 10/361,305; 10/426,008;  
PCT/US03/13875; PCT/US02/07165;  
PCT/US02/29945

B. Patent No.(s):

5,091,697; 5,165,269; 5,172,052; 5,329,260; 5,386,084; 5,386,150;  
6,437,739; 6,466,846; 6,473,003; 6,469,660; 6,542,810; 6,564,149;  
6,545,631; 6,594,578Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Devon A. Rolf

Internal Address: Garmin International, Inc.

Street Address: 1200 East 151<sup>st</sup> Street

City: Olathe

State: Kansas

Zip: 66062

6. Total number of applications and patents involved:.....26

7. Total fee (37 CFR 3.41)

\$ 1,040.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account No.: 501-791

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Name of person signing Devon A. Rolf

Signature

Date 8/27/03

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:  
Director of the United States Patents and Trademark Office, Mail Stop Assignment Recordation Services  
P.O. Box 1450, Alexandria, VA 22313-1450

## ASSIGNMENT

WHEREAS, United Parcel Service of America, Inc., a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 55 Glenlake Parkway, NE, Atlanta, County of Fulton, and State of Georgia 30328, is the owner of the applications and issued Letters Patents shown on the attached Schedule A, and the inventions illustrated and described therein; and

WHEREAS, UPS Aviation Technologies, Inc., an Oregon corporation, having a place of business at 2345 Turner Road SE, Salem, Marion County, Oregon 97302, is desirous of acquiring the entire right, title and interest in, to, and under said invention, said applications, and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, including consideration previously transferred, the receipt and sufficiency of which is hereby acknowledged, United Parcel Service of America, Inc. has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto said UPS Aviation Technologies, Inc., its successors and assigns, the full and exclusive right, title and interest, throughout the world, in, to and under said inventions as fully set forth and described in the documents listed in Schedule A attached hereto; in, to and under said applications; in, to and under any and all refilings, divisions and continuations of said applications; in, to and under said issued Letters Patents of the United States of America and any and all Letters Patents which may issue from said applications, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for said Letters Patent upon said inventions which may hereafter be filed in any and all countries foreign to

the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said UPS Aviation Technologies, Inc., for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and United Parcel Service of America, Inc. does hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 22<sup>nd</sup> day of August, 2003.

United Parcel Service of America, Inc.

By

Name: Cathy A. Harper

Title: Assistant Secretary

STATE OF GEORGIA

)

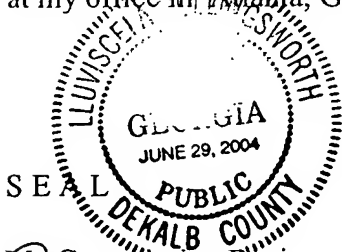
) ss.

COUNTY OF FULTON

)

On this 22<sup>nd</sup> day of August, 2003, before me appeared Cathy A. Harper, to me personally known, who by me was duly sworn, and acknowledged that she is the Assistant Secretary of United Parcel Service of America, Inc., and that she executed the foregoing Agreement on behalf of United Parcel Service of America, Inc.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in Atlanta, Georgia, the day and year above written.



My Commission Expires:  
June 29, 2004

Notary Public

# SCHEDULE A

Country	Title	Appln. No.	Filing Date	Patent No.	Issue Date
US	Integrated Datalinks in a Surveillance Receiver	09/981,677	10-17-2001	6,545,631	04-08-2003
US	Low Power, High Accuracy Magnetometer and Magnetic Field Strength Measurement Method	07/388,579	07-31-1989	5,091,697	02-25-1992
US	Electronic Flux Gate Compass Calibration Technique	07/604,220	10-29-1990	5,165,269	11-24-1992
US	Current Sensor Assembly and Method	07/556,664	07-23-1990	5,172,052	12-15-1992
US	Numerically-Controlled Modulated Oscillator and Modulation Method	07/916,190	07-17-1992	5,329,260	07-12-1994
US	Electronic Device Enclosure	08/096,605	07-22-1993	5,386,084	01-31-1995
US	Method and Apparatus for Symbol Synchronization in Multiple-Level Digital FM Radio	08/157,996	11-24-1993	5,586,150	12-17-1996
US	Detection and Removal of Self-Alerts in a Tracking System	09/892,597	06-28-2001	6,594,578	07-15-2003
US	ADS-B and TIS Target Correlation	09/873,969	06-04-2001	6,542,810	04-01-2003
US	Displaying Target Icons Correlated to Target Data Quality	09/835,091	04-13-2001	6,469,660	10-22-2002
US	Positional Accuracy in GPS (Determine HFOM Using Adaptive Calculation Based on HAL)	09/790,251	02-21-2001	6,466,846	10-15-2002
US	Method for Determining Conflicting Paths Between Mobile Airborne Vehicles and Associated System and Computer Software	09/901,415	07-09-2001	6,564,149	05-13-2003
US	Very High Frequency Omni-Directional Range Signal Strength Computation & Phase Averaging	09/736,473	12-13-2000	6,437,739	08-20-2002

Country	Title	Appln. No.	Filing Date	Patent No.	Issue Date
US	Selectable Range Ring for an ADS-B CDTI Cockpit Display	09/798,615	03-02-2001	6,473,003	10-29-2002
US	ADS-B and TIS Target Correlation	10/361,305	02-10-2003	702 280 - Pending 288	
US	Systems and Methods for Correlation of an ADS-B Target and a TCAS Intruder in an Air Traffic Control System	10/277,769	10-22-2002		
US	Systems and Methods for Early Fault Detection and Delayed Exclusion in Global Positioning System Navigational Systems	10/426,008	04-29-2003		
US	Receiver-Autonomous Vertical Integrity Monitoring	10/016,511	12-10-2001		
US	Systems and Methods for Controlling Brightness of an Avionics Display	10/146,624	05-14-2002		
US	Uninterruptable ADS-B System for Aircraft Tracking	10/251,220	09-19-2002		
US	Pilot Programmable Altitude Range Filter	10/033,299	10-25-2001		
US	Graphics Closure Indicator	10/029,094	10-25-2001		
US	Bit Detection Threshold in a TDMA Burst Communication System	09/892,166	06-26-2001		
PCT	Systems and Methods for Controlling Brightness of an Avionics Display	PCT/US03/13875	05-02-2003		
PCT	Systems and Methods for Correlation of an ADS-B Target and a TCAS Intruder in an Air Traffic Control System	PCT/US02/37165	11-19-2002		
PCT	Uninterruptable ADS-B System for Aircraft Tracking	PCT/US02/29945	09-20-2002		